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ABSTRACT:

PURPOSE: To enable to correct an accumulative feed error or a skew of a paper and to variously change the line feed quantity of the paper, by a method wherein a pair of left and right split paper feeders for feeding a paper by frictional driving forces are individually controlled by sensors detecting the end of the paper, rules, characters or the like.

CONSTITUTION: A pair of left and right paper feeders 10 are so provided as to feed the paper 11 by clamping left and right side edges of the paper 11, and each of the paper feeders 10 is provided with an independent motor 12. The motors 12 are interlocked respectively with image sensors 7, and are individually controlled on the basis of output signals from the sensors 7. By detecting the edges of the paper 11 or rules, frame lines or other marks provided on the paper 11 by the sensors 7 and individually controlling the motors 12 on the bases of the output signals from the sensors 7, it is possible to finely adjusting a positional deviation or a skew of the paper 11 and to set an accurate printing position. Further, by providing a unidimensional or two-dimentional image sensor in proximity to the printing head 5, it is possible to read a character or figure printed immediately before and to control the feed quantity of the paper in accordance with the result of reading to thereby perform an accurate and flexible printing operation.

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